

**Thermostat d'ambiance
à programmation hebdomadaire**

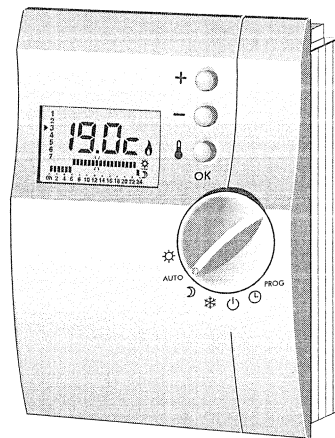
One-week programmable room thermostat

**Raumthermostat mit Wochen
Programmierung**

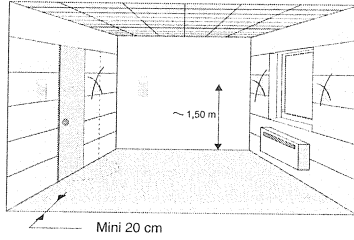
*Termostato de ambiente
con programación semanal*

**Termostato ambiente
a programmazione settimanale**

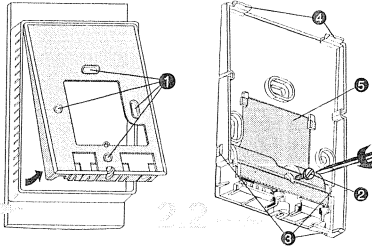
Kamerthermostaat met week programmering



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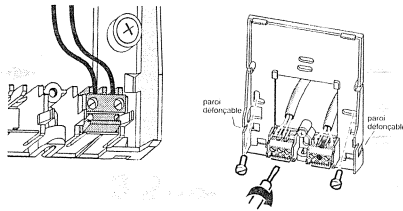
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2.1

2.2

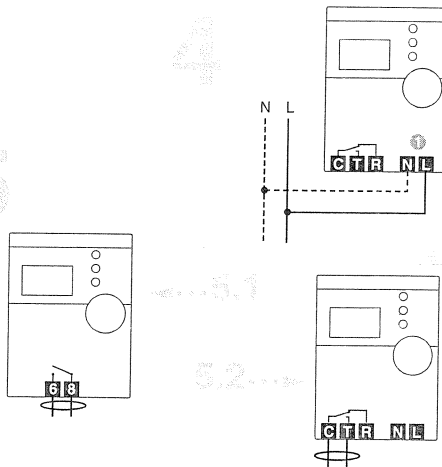
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3.1

3.2

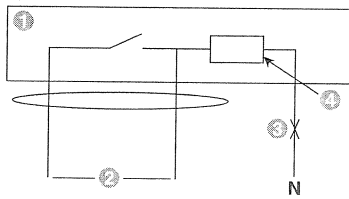
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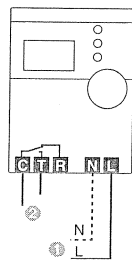
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5.2

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1) Technical information

- Operating mode selector switch (7 positions)
- Choice of 3 permanent temperatures:
Frost protection, Economy and Comfort
and 1 customized program per day
- The three temperature settings can be adjusted:
5 to 30 °C for Economy and Comfort
5 to 15 °C for Frost protection
- Proportional-plus-integral control (category B), time base
15 min
- Stand-by mode
- Digital display
- Room case: 128 x 85 x 31 mm
- Wall mounting
- Protection index: IP 30

230 V mains version

- Power supply: 230 V \pm 10%, 50 Hz
- Contact output : reversing switch, 2 A, 230 V
- Consumption: 8 VA
- Insulation class II

Battery version

- Power supply by three type LP03 1.5 V alkaline batteries
(battery life longer than 1 year)
- Insulation class II
- Contact output: single-phase + ground, 1A, 230 V
- Low battery indicator

2) Installation

2.1 Choice of location

The thermostat must be positioned correctly. The recommended height is 1.5 m in an accessible place, away from heat sources (fireplace, sunlight) and draughts (window, door).

(see Fig.1)

2.2 Mounting

In order to mount the thermostat on the wall, it must be separated from its base, as shown in figure 1. After separation from the case, the base must be fixed to the wall using screws and plugs or on a flush-mounting box (center-to-center distance 60 mm) using the holes ①.

(see Fig. 2.1)

To do this: Unscrew screw ② in order to remove the terminal strip cover ③.

Breakable partitions ④ can be removed to allow the connecting cable to pass through, if necessary.

(see Fig. 2.2)

2.3 Connection

- Connect the link wires (see paragraph 3).

Battery version : see fig. 3.1

230V mains version : see fig. 3.2

- Fit the terminal strip cover and secure it by means of the screw ② (see Fig. 2.2).

Position the thermostat on the base, first engaging the tabs ⑤ then pushing the thermostat so that it fits onto the base.

3) Connection

For clarity, the diagrams only show the principle of the connections. Protection devices and other accessories required by the standards are not shown.

Position the thermostat on the base, then engaging the base by then pushing the thermostat so that it fits onto the base.

3) Connection

For clarity, the diagrams only show the principle of the connections. Protection devices and other accessories required by the standards are not shown.

- UTE standard C15-100 and good practice must comply with IEE regulation.
- Connected or nearby devices must not cause excess interference (EC directive CEE 89/336).

3.1 Power supply

① 230V power supply (see Fig.4)

When connecting the "230V" version, the wiring rules described on this page must be complied with.

3.2 The system has a room thermostat

3.2.1 Replacement of the existing thermostat

- 1) Switch off the mains supply and remove the thermostat.
 - 2) Disconnect the thermostat.
- If the thermostat was not correctly positioned; move the wires to the appropriate place (para. 2.1).

3.2.2 The existing thermostat has 2 wires

Battery version

Connect the two wires to terminals 6 and 8 of your new thermostat. (see Fig.5.1)

230 V mains version

Connect the two wires to terminals C and T of your new thermostat. (see Fig.5.2)

3.2.3 The existing thermostat has 3 wires

Case 1: the existing thermostat has a heat anticipator

Battery version

Remove the corresponding wire and connect the two remaining wires to terminals 6 and 8 of the new thermostat.

- | | |
|-----------------------------------------------|--------------------|
| ① Thermostat | (see Fig. 6) |
| ② Heating device
(2 wires room thermostat) | |
| ③ Wire to be removed | ④ Heat anticipator |

230 V mains version

Use the blue wire for the thermostat power supply.

- | | |
|---------------------|-----------|
| ① 230V power supply | ② Contact |
|---------------------|-----------|
- (see Fig. 7)

Case 2 :

The existing thermostat is earthed (green/yellow wire).
Remove the corresponding wire.

3.3 Connection to the boiler

- a) Remove the shunt between the two terminals of the thermostat input. If the boiler has a clock input, do not mistake it for the thermostat input.
- b) Connect terminals 6 and 8 (battery version) or C and T (230 V mains version) of your thermostat to these two boiler thermostat input terminals.

N.B : In all cases, follow the instruction guide of the boiler.

Warranty

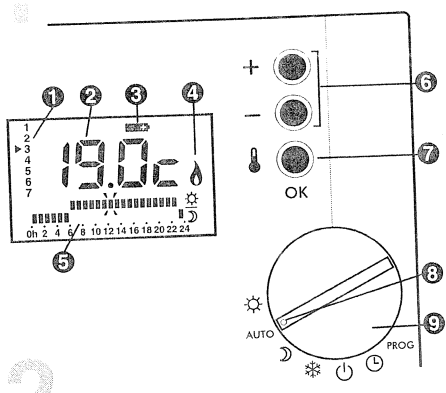
Your thermostat is guaranteed for two years from its date of installation.

If a claim is made under the warranty, a proof of purchase bearing the date of purchase must accompany the thermostat when you return it.

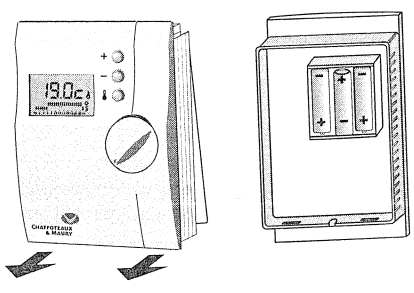
This guarantee covers replacement of faulty parts, labour, and return post to the customer.

The following are excluded from the guarantee:

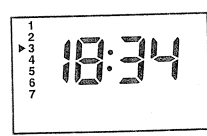
- thermostats whose serial numbers have been damaged, changed or erased,
- thermostats whose installation or use did not conform to the instructions given on the unit or in the manual,
- thermostats modified without prior agreement from the manufacturer,
- thermostats whose damage is a consequence of impact.



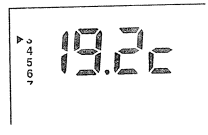
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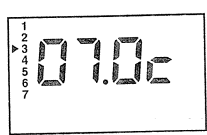
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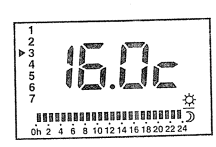
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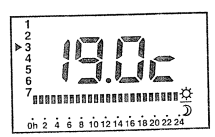
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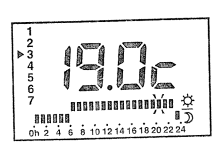
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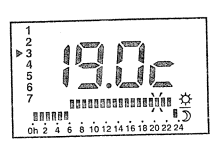
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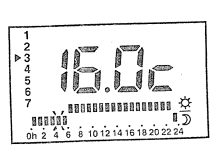
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1) Description

(see Fig.1)

- | | |
|--------------------------------------------------|------------------------------------------------------------------|
| ① Current day | ⑥ Modification keys |
| ② Temperature display | ⑦ Measured temperature display or validation in programming mode |
| ③ Low battery indicator (Battery version) | ⑧ Selector switch index |
| ④ Heating output status (▲ = On) | ⑨ Operating mode selector (7 positions) |
| ⑤ Daily program profile (☼: Comfort, ☾: Economy) | |


2) Fitting the batteries (battery version)

Three type LR03 or AAA 1.5V *alkaline* batteries (lifetime longer than 1 year).

Do not use rechargeable batteries.


To fit the batteries, separate the thermostat from its base. Insert the batteries, making sure they are the right way round, then mount the thermostat back on its base. (see Fig.2)



Battery replacement

When the low battery indicator  comes on, do not leave the discharged batteries in the thermostat (the guarantee does not cover damage caused by leaking batteries).

You have approximately 1 minute to fit the new batteries without losing your programming.

3) Setting the time

Turn the selector to the  position.

The current day and the time is adjusted by pressing  or 

Short press : Change in 1-minute steps

Press and hold : Fast change




(see Fig. 3)

Nota : When adjusting the hour, the heating is OFF.

4) Setting the temperatures




4.1 Setting the Frost-protection temperature

First use : Frost protection = 7 °C

- ① Switch the selector to 
- ②  or  Set the temperature (5 to 15 °C)




4.2 Setting the Economy temperature

First use : Economy = 16 °C

- ① Switch the selector to 
- ②  or  Set the temperature (5 to 30 °C)

4.3 Setting the Comfort temperature

First use : Comfort = 19 °C


- ① Switch the selector to 
- ②  or  Set the temperature (5 to 30 °C)

4.4 Measured temperature display

Press the  key. (see Fig. 4)

The value of the room temperature is displayed.

5) Weekly programming

- ① Switch the selector to .
 ② \oplus or \ominus Set the temperature (5 to 30 °C)





4.4 Measured temperature display

Press the  key. (see Fig. 4)
 The value of the room temperature is displayed.


5) Weekly programming



5.1 Define your weekly programming

You have 4 preset programs. You can select one of them by turning the selector switch.

-  Permanent Frost protection (adjustable from 5 to 15 °C) (see Fig. 5)
-  Permanent Economy (adjustable from 5 to 30 °C) (see Fig. 6)
-  Permanent Comfort (adjustable from 5 to 30 °C) (see Fig. 7)
-  At the first use, Comfort from 6 a.m to 23 p.m for each day of the week. (see Fig. 8)
 You can modify this program (§ 5.2).

5.2 Modifying and validating your program


- ① Switch the selector to PROG
 The temperature display disappears and you can see the program for the first day.
 The first time slot flashes.
- ② Press \oplus for 1 hour of Comfort or \ominus for 1 hour of Economy (The second time slot flashes)
Repeat the same procedure for each time slot.
- ③ Press immediately  to validate and to access to the following day.
Repeat the operations ② and ③ for each day.
- ④ After programming, switch the selector on AUTO.

Note : For modes ,  and AUTO, the displayed temperature is the temperature setting for the current time period.

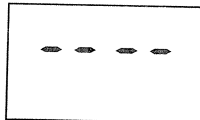
e.g. **Program 1, it is 8.15 p.m.** (see Fig. 9)
 The corresponding time period blinks. The comfort temperature is programmed, so its value is displayed.
 or **Program 1, it is 5.20 a.m.**
 The Economy temperature setting is displayed.
 (see Fig. 10)

6) Heating shutdown - Stand-by mode


The thermostat is switched to stand-by mode in periods when heating is not required.

Switch the selector to position .

The thermostat displays four dashes.



7) Problem solving

Problem	Diagnosis / Solutions
The  symbol appears	<ul style="list-style-type: none"> • The batteries are discharged. Replace the batteries.
Nothing is displayed on the screen	<ul style="list-style-type: none"> • No power supply - 230V mains model : check the 230V power supply - battery model : replace the batteries or check their polarities
Heating temperature The temperature of the room does not reach the desired value set on the radiator.	Check that the value set on the thermostat is higher (by 2 or 3 °C) than the radiator setting.
The whole display is blinking	The unit has just been switched on. Check and if necessary adjust the clock and the temperatures, otherwise press a key.